

Courage to Soar			
2005 Mathematics			
Model Content Standards			
Colorado Mathematics			
Grades K-4			
Activity/Lesson	State	Standards	
Kite Flight	CO	MA.K-4.4.5	Recognize geometry in their world (for example, in art and in nature).
Soaring Higher	CO	MA.K-4.1.2	Read and write whole numbers and know place-value concepts and numeration through their relationships to counting, ordering, and grouping;
Soaring Higher	CO	MA.K-4.6.1	Demonstrate conceptual meanings for the four basic arithmetic operations of addition, subtraction, multiplication, and division;
The Flight Timeline	CO	MA.K-4.1.2	Read and write whole numbers and know place-value concepts and numeration through their relationships to counting, ordering, and grouping;
Having the Right Stuff	CO	MA.K-4.1.2	Read and write whole numbers and know place-value concepts and numeration through their relationships to counting, ordering, and grouping;
Flying a Styrofoam Plane	CO	MA.K-4.1.3	Use numbers to count, to measure, to label, and to indicate location;
Flying a Styrofoam Plane	CO	MA.K-4.5.1	Know, use, describe, and estimate measures of length, perimeter, capacity, weight, time, and temperature;
Controlling the Plane	CO	MA.K-4.3.1	Construct, read, and interpret displays of data including tables, charts, pictographs, and bar graphs;
Courage to Soar			
2005 Mathematics			
Model Content Standards			
Colorado Mathematics			
Grades 5-8			
Activity/Lesson	State	Standards	
Kite Flight	CO	MA.5-8.5.2	Estimate, make, and use direct and indirect measurements to describe and make comparisons;
Soaring Higher	CO	MA.5-8.3.1	Read and construct displays of data using appropriate techniques (for example, line graphs, circle graphs, scatter plots, box plots, stem-and-leaf plots) and appropriate technology;
The Flight Timeline	CO	MA.5-8.5.3	Read and interpret various scales including those based on number lines, graphs, and maps;

Having the Right Stuff	CO	MA.5-8.1.2	Read, write, and order integers, rational numbers, and common irrational numbers such as square root of 2, square root of 5, and pi;
Controlling the Plane	CO	MA.5-8.3.2	Display and use measures of central tendency, such as mean, median, and mode, and measures of variability, such as range and quartiles;